

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007496

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01B3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, COMPENDEX, INSPEC, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 248 649 A (MOSLEY JR WILBUR C) 28 September 1993 (1993-09-28) the whole document	1-6
Y	HEUNG L K ET AL: "Silica embedded metal hydrides" JOURNAL OF ALLOYS AND COMPOUNDS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 293-295, 20 December 1999 (1999-12-20), pages 446-451, XP004364665 ISSN: 0925-8388 the whole document	1,2,4
Y	US 5 958 098 A (HEUNG LEUNG K) 28 September 1999 (1999-09-28) the whole document	1,4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

15 October 2004

Date of mailing of the international search report

02/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 411 928 A (ENZ GLENN L ET AL) 2 May 1995 (1995-05-02) the whole document	1,4
Y	US 6 528 441 B1 (HEUNG LEUNG K ET AL) 4 March 2003 (2003-03-04) claims 1,3,11 column 2, line 35 - column 3, line 35	1,2,4,6
P,A	GUAY P ET AL: "On the control of carbon nanostructures for hydrogen storage applications" CARBON, XX, XX, vol. 42, no. 11, 2004, pages 2187-2193, XP004521222 ISSN: 0008-6223 Abstract; Introduction; Final paragraph of 3.2	
Y	DE 101 63 697 A (STUDIENGESELLSCHAFT KOHLE MBH) 3 July 2003 (2003-07-03) cited in the application claims 1-17 paragraphs '0001! - '0011! examples	1-5
Y	US 4 798 718 A (BOGDANOVIC BORISLAV) 17 January 1989 (1989-01-17) column 2, lines 24-55 examples	1-5
Y	N. L. ROSI, J. ECKERT, M. EDDAOUDI, D. T. VODAK, J. KIM, M. O'KEEFFE, O. M. YAGHI: "Hydrogen Storage in Microporous Metal-Organic Frameworks" SCIENCE, vol. 300, 16 May 2003 (2003-05-16), pages 1127-1129, XP002301008 the whole document	4

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